

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7748	(captur\$4 or input\$5) near8 signature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:28
L2	502	l1 and (input near3 pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:29
L3	0	l2 and (display\$5 near5 signature) same (continuous near5 path)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:31
L4	0	l2 and (display\$5 near5 signature) and (continuous near5 path)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:31
L5	0	l2 and (display\$5 near5 signature) and (mov\$5 near5 pointer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:50
L6	10	l2 and ((display\$5 near5 signature) with (instantly or input\$5 or "upon capture"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:10
L7	2	"20020042885"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:00
L8	0	l2 and (((captur\$5 and display\$5) near7 signature) with continuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:12
L9	0	((((captur\$5 and display\$5) near7 signature) with continuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:12

## EAST Search History

L10	2	((captur\$5 and display\$5) near7 signature) same continuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:13
L11	18	((display\$5 near5 signature) same continuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:13
L12	18	l11 not l6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:13
L13	634	l1 and ((stor\$5 and retriev\$5) near5 database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:35
L14	18	l13 and (signature with (unique near5 (code or id or hash)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:38
L15	282	l13 and (signature with (code or id or hash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:39
L16	264	l15 not l14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:40
L17	14	l16 and applet and HTML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:46
L18	3	l16 and (((convert\$5 or transform\$5) near5 signature) with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:43
L19	14	l17 not l18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:46

## EAST Search History

L20	1	l19 and (retriev\$5 near7 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:49
L21	13	l19 not l20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:56
L22	4	60/149765	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:44
L23	2	"5680470".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:46
L24	2	"6064751".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:47
S1	6	computer and applet and html and (input near pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:27
S2	6369	computer and applet and html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:19
S3	21	S2 and (storage near database) and (electronic near signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:23
S4	1	S2 and (storage near database) and (digital near5 bitmap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:23
S5	16	(digital near5 bitmap) and applet and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:24

## EAST Search History

S6	15	S5 not S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:30
S7	1	"6332030".PN.	USPAT; USOCR	OR	ON	2005/01/28 14:26
S8	0	pen near5 mouce	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:30
S9	6655	pen near5 mouse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:32
S10	79	S9 and S9 and (html same applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:31
S11	6655	" pen" near5 mouse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:33
S12	1172	pen-like	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:33
S13	327	S12 and mouse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:33
S14	33	S13 and sign\$4 and html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:38
S15	15	collect\$4 near10 (authoriz\$5 same info\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:47

## EAST Search History

S16	7	(input near device) and (form near10 (authoriz\$5 same info\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:50
S17	3128	database same (authoriz\$5 near10 (data or info))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:51
S18	3	S17 and (fitting near5 algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:51
S19	2799	S17 and (stor\$5 near10 (data or signature or info or credentials))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:53
S20	532	S19 and (display near device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:54
S21	135	S20 and script	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:56
S22	494	submit\$5 near15 signature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:56
S23	104	S22 and (submit\$5 near10 form)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:56
S24	13	S23 and ((input and display) near device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:57
S25	73	S22 and ((input and display) near device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:57

## EAST Search History

S26	17	S25 and html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:06
S27	7	(input near device) and (software near applet) and (receiv\$6 near20 (signature or indici or (user near credentials)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:19
S28	1	"6193152".PN.	USPAT; USOCR	OR	ON	2005/01/28 15:10
S29	1	"5650604".PN.	USPAT; USOCR	OR	ON	2005/01/28 15:11
S30	2	"5647017".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:20
S31	2	"5892824".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:21
S32	2	"5946406".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:22
S33	2	"5974161".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:22
S34	2	"6002783".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:23
S35	2	"6055513".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:52
S36	2	fingerprint and (hand-written near signature) and html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:52

## EAST Search History

S37	2	"5657389".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:54
S38	1	"5466918".PN.	USPAT; USOCR	OR	ON	2005/01/28 15:54
S39	41	fingerprint and (hand-written near5 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:00
S40	14	S39 and (on-line or (computer near network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:06
S41	10876	(authentication near5 server)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:06
S42	911	S41 and (fingerprint or finger-print or (finger near print))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:07
S43	101	S42 and (send\$4 near10 form)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:15
S44	53480	(data near10 (receiv\$5 and process\$5 and retriev\$5)) and (storage or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:48
S45	15	S44 and ((get\$4 or collect\$5 or gather\$5) same (user near credentials)) and register\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:18
S46	7402	S44 and html	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:54

## EAST Search History

S47	144	S44 and (html near frames)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 17:04
S48	1	"5796952".PN.	USPAT; USOCR	OR	ON	2005/01/28 16:56
S49	1	"5805815".PN.	USPAT; USOCR	OR	ON	2005/01/28 16:56
S50	1	"5790798".PN.	USPAT; USOCR	OR	ON	2005/01/28 16:56
S51	1	"6233620".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:03
S52	13	captur\$5 near10 (hand-written near signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:06
S53	1	"6265706".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:08
S54	1	"6151611".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:08
S55	1	"5969711".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:09
S56	1	"5953494".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:10
S57	1	"5850214".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:11
S58	1	"5939702".PN.	USPAT; USOCR	OR	ON	2005/01/28 17:12
S59	2	"6064751".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:09
S60	142912	((identif\$5 or authenticat\$5) near15 (user or client or machine)) or (validat\$5 near5 idnetity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:11
S61	15280	S60 and (id and password)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:12



## EAST Search History

S62	1251	S61 and HTML and (java near10 applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:12
S63	169	S62 and (fingerprint or (physcal near5 characteristic))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:18
S64	125	S63 and (order\$5 same (product or service))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:49
S65	639231	data near10 receiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:50
S66	0	S65 and ((contol\$5 near10 pointer) same (display near5 device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 10:41
S67	15229	S65 and (mouse same (display near5 device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 10:42
S68	5	S67 and (hand-written near5 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 10:54
S69	1	"6167518".PN.	USPAT; USOCR	OR	ON	2005/01/31 10:43
S70	1	"6189009".PN.	USPAT; USOCR	OR	ON	2005/01/31 10:44
S71	1	"6085322".PN.	USPAT; USOCR	OR	ON	2005/01/31 10:48
S72	1	"6091835".PN.	USPAT; USOCR	OR	ON	2005/01/31 10:52
S73	1	"6085321".PN.	USPAT; USOCR	OR	ON	2005/01/31 10:52

## EAST Search History

S74	15	(captur\$5 same (hand-written near5 signature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:42
S75	3790	interface near mechanism	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:43
S76	155	S75 and (java near applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:50
S77	0	S76 and (signature near pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:43
S78	10	S76 and compress\$5 and bitmap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:53
S79	1	((java near5 applet) same (configur\$5 near10 (input near pad)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:54
S80	1	((java near5 applet) same (input near10 signature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:55
S81	118	((java near5 applet) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:55
S82	117	S81 not S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:55
S83	10	S82 and bitmap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:56

## EAST Search History

S84	1	S82 and (receiv\$5 and process\$4 and retriev\$5 and stor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:57
S85	84	S82 and (receiv\$5 and process\$4 and retriev\$5 and stor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 11:58
S86	0	"l23" and (hand-written near10 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:52
S87	3	(hand-written near10 signature) and (java near5 applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 10:26
S88	0	(hand-written near10 signature) and (download\$5 near10 (java near5 applet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 10:27
S89	312	(password and id) and (download\$5 near10 (java near5 applet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 10:27
S90	186	S89 and mice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:19
S91	312	(password and id) and (download\$5 near10 (java near5 applet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:19
S92	186	S91 and mice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:19
S93	0	S92 and (matrix near5 grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:20

## EAST Search History

S94	15	S92 and ( grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:23
S95	2	S92 and (compress\$5 and (pixel near5 coordinate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:38
S96	250	((hand-written or on-line) near10 signature) and (grid or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:52
S97	2	S96 and (software near5 applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:40
S98	3	S96 and ( applet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:40
S99	178	((hand-written or on-line) near10 signature) and (grid or pixel) and bitmap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:53
S10 0	28	S99 and (mice or mouce) and (display near device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:33
S10 1	2	"5657389".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:43
S10 2	230	fingerprint and (pixel near coordinates)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:44
S10 3	1	S102 and (handwritten near signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 12:49

## EAST Search History

S10 4	3440	Html and (touch near10 screen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 12:51
S10 5	307	S104 and (fingerprint or (finger near print) or finger-print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 12:51
S10 6	40	S104 and (hand-written or (hand near written))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 12:52
S10 7	2	S104 and ((hand-written or (hand near written)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 12:52
S10 8	111	S104 and ((physical or hand-written or (hand near written)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 13:00
S10 9	359	(input near device) and (mice or mouce) and ((physical or hand-written or (hand near written)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 13:11
S11 0	9	S109 and (receiv\$5 near10 region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 13:03
S11 1	97	(input near device) and (mice or mouse) and ((physical or hand-written or (hand near written)) same signature) and (pen near15 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 13:11
S11 2	2	"6064751".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 13:26
S11 3	8	html and (hand-written near signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:36

## EAST Search History

S11 4	2	"6324648".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:38
S11 5	2	"6324448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:38
S11 6	2	"6638448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:42
S11 7	2	"5638448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:42